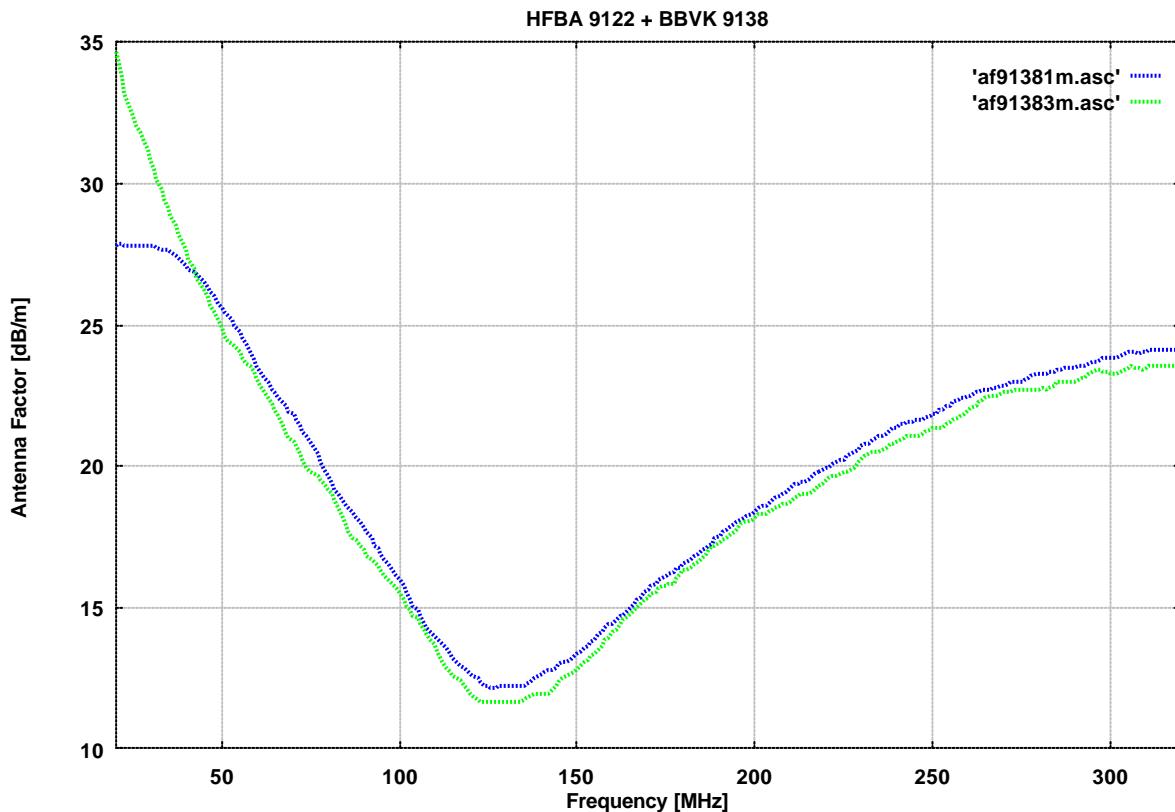
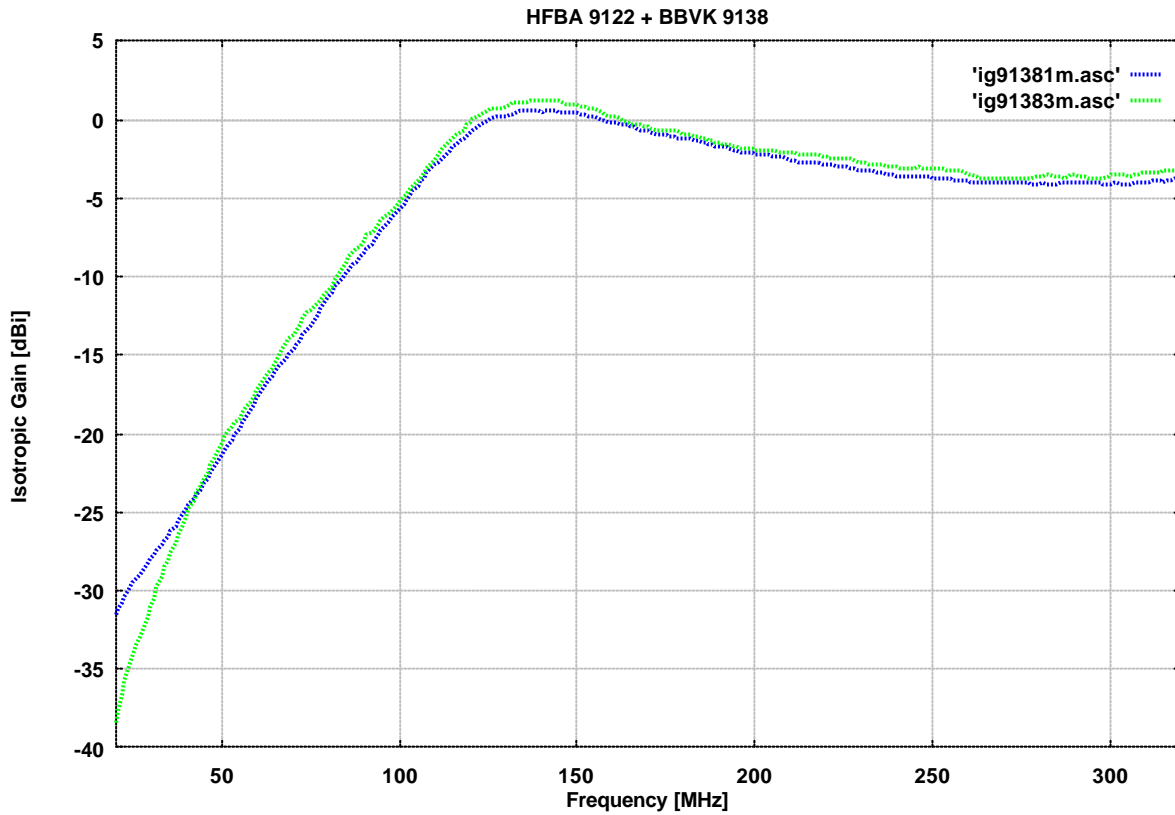


SCHWARZBECK MESS - ELEKTRONIK

An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

Kalibrierdaten HFBA 9122 mit BBVK 9138 Bikonuselementen Calibration Data HFBA 9122 with BBVK 9138 Biconical Elements



HFBA 9122 + BBVK 9138 Element-Gesamtlänge: / Total Element Length: 0.72 m



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SCHWARZBECK MESS - ELEKTRONIK

An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

Kalibrierdaten HFBA 9122 mit BBVK 9138 Bikonuselementen Calibration Data HFBA 9122 with BBVK 9138 Biconical Elements

| Frequency | Gain(Isotr.) 1 m | Ant.-Factor 1 m | Gain(Isotr.) 3 m | Ant.-Factor 3 m |
|-----------|---------------------|--------------------|---------------------|--------------------|
| MHz | dBm | dB/m | dBm | dB/m |
| 20.00 | -31.53 | 27.77 | -38.44 | 34.68 |
| 21.00 | -31.21 | 27.87 | -37.73 | 34.39 |
| 22.00 | -30.78 | 27.85 | -36.65 | 33.71 |
| 23.00 | -30.35 | 27.81 | -35.78 | 33.23 |
| 24.00 | -29.97 | 27.80 | -34.98 | 32.81 |
| 25.00 | -29.62 | 27.80 | -34.28 | 32.46 |
| 26.00 | -29.30 | 27.82 | -33.54 | 32.06 |
| 27.00 | -28.97 | 27.82 | -32.95 | 31.80 |
| 28.00 | -28.64 | 27.81 | -32.32 | 31.49 |
| 29.00 | -28.31 | 27.78 | -31.69 | 31.16 |
| 30.00 | -28.01 | 27.78 | -31.05 | 30.81 |
| 31.00 | -27.73 | 27.78 | -30.45 | 30.49 |
| 32.00 | -27.44 | 27.76 | -29.83 | 30.15 |
| 33.00 | -27.12 | 27.71 | -29.18 | 29.77 |
| 34.00 | -26.81 | 27.66 | -28.59 | 29.44 |
| 35.00 | -26.51 | 27.61 | -28.06 | 29.16 |
| 36.00 | -26.21 | 27.55 | -27.50 | 28.85 |
| 37.00 | -25.89 | 27.47 | -26.95 | 28.53 |
| 38.00 | -25.54 | 27.36 | -26.39 | 28.21 |
| 39.00 | -25.18 | 27.22 | -25.87 | 27.92 |
| 40.00 | -24.83 | 27.09 | -25.35 | 27.61 |
| 41.00 | -24.50 | 26.97 | -24.81 | 27.29 |
| 42.00 | -24.20 | 26.88 | -24.30 | 26.99 |
| 43.00 | -23.89 | 26.78 | -23.80 | 26.69 |
| 44.00 | -23.57 | 26.66 | -23.36 | 26.45 |
| 45.00 | -23.20 | 26.49 | -22.91 | 26.20 |
| 46.00 | -22.83 | 26.30 | -22.46 | 25.94 |
| 47.00 | -22.47 | 26.13 | -22.01 | 25.67 |
| 48.00 | -22.12 | 25.97 | -21.59 | 25.44 |
| 49.00 | -21.77 | 25.79 | -21.15 | 25.18 |
| 50.00 | -21.41 | 25.61 | -20.67 | 24.87 |
| 51.00 | -21.07 | 25.44 | -20.22 | 24.59 |
| 52.00 | -20.75 | 25.29 | -19.87 | 24.41 |
| 53.00 | -20.45 | 25.16 | -19.62 | 24.33 |
| 54.00 | -20.10 | 24.96 | -19.36 | 24.23 |
| 55.00 | -19.73 | 24.75 | -18.99 | 24.02 |
| 56.00 | -19.33 | 24.52 | -18.60 | 23.79 |
| 57.00 | -18.94 | 24.28 | -18.29 | 23.63 |
| 58.00 | -18.53 | 24.01 | -18.02 | 23.51 |
| 59.00 | -18.13 | 23.77 | -17.73 | 23.36 |
| 60.00 | -17.76 | 23.54 | -17.33 | 23.11 |
| 61.00 | -17.40 | 23.32 | -16.92 | 22.85 |
| 62.00 | -17.04 | 23.10 | -16.51 | 22.58 |
| 63.00 | -16.71 | 22.92 | -16.15 | 22.36 |
| 64.00 | -16.40 | 22.75 | -15.85 | 22.19 |
| 65.00 | -16.11 | 22.59 | -15.54 | 22.02 |
| 66.00 | -15.82 | 22.43 | -15.15 | 21.77 |
| 67.00 | -15.52 | 22.27 | -14.71 | 21.45 |
| 68.00 | -15.25 | 22.12 | -14.30 | 21.17 |
| 69.00 | -14.96 | 21.95 | -14.00 | 21.00 |

HFBA 9122 + BBVK 9138 Element-Gesamtlänge: / Total Element Length: 0.72 m



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An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

Kalibrierdaten HFBA 9122 mit BBVK 9138 Bikonuselementen Calibration Data HFBA 9122 with BBVK 9138 Biconical Elements

| Frequency | Gain(Isotr.) 1 m | Ant.-Factor 1 m | Gain(Isotr.) 3 m | Ant.-Factor 3 m |
|-----------|---------------------|--------------------|---------------------|--------------------|
| MHz | dBm | dB/m | dBm | dB/m |
| 70.00 | -14.69 | 21.81 | -13.72 | 20.84 |
| 71.00 | -14.39 | 21.63 | -13.42 | 20.67 |
| 72.00 | -14.07 | 21.43 | -13.06 | 20.42 |
| 73.00 | -13.74 | 21.22 | -12.70 | 20.19 |
| 74.00 | -13.44 | 21.05 | -12.35 | 19.96 |
| 75.00 | -13.15 | 20.87 | -12.10 | 19.82 |
| 76.00 | -12.82 | 20.66 | -11.90 | 19.73 |
| 77.00 | -12.45 | 20.40 | -11.71 | 19.66 |
| 78.00 | -12.04 | 20.10 | -11.47 | 19.53 |
| 79.00 | -11.66 | 19.83 | -11.19 | 19.37 |
| 80.00 | -11.31 | 19.59 | -10.91 | 19.19 |
| 81.00 | -11.00 | 19.39 | -10.61 | 19.00 |
| 82.00 | -10.69 | 19.19 | -10.29 | 18.79 |
| 83.00 | -10.38 | 18.98 | -9.92 | 18.52 |
| 84.00 | -10.08 | 18.79 | -9.50 | 18.21 |
| 85.00 | -9.82 | 18.63 | -9.09 | 17.90 |
| 86.00 | -9.59 | 18.50 | -8.72 | 17.63 |
| 87.00 | -9.33 | 18.35 | -8.45 | 17.46 |
| 88.00 | -9.06 | 18.17 | -8.24 | 17.35 |
| 89.00 | -8.77 | 17.97 | -8.03 | 17.23 |
| 90.00 | -8.51 | 17.81 | -7.70 | 17.01 |
| 91.00 | -8.23 | 17.63 | -7.41 | 16.81 |
| 92.00 | -7.95 | 17.45 | -7.17 | 16.67 |
| 93.00 | -7.64 | 17.23 | -7.01 | 16.60 |
| 94.00 | -7.38 | 17.06 | -6.77 | 16.45 |
| 95.00 | -7.10 | 16.87 | -6.50 | 16.28 |
| 96.00 | -6.83 | 16.69 | -6.24 | 16.11 |
| 97.00 | -6.53 | 16.49 | -6.02 | 15.97 |
| 98.00 | -6.26 | 16.30 | -5.80 | 15.84 |
| 99.00 | -5.98 | 16.11 | -5.53 | 15.66 |
| 100.00 | -5.71 | 15.93 | -5.24 | 15.46 |
| 101.00 | -5.43 | 15.73 | -4.94 | 15.25 |
| 102.00 | -5.13 | 15.52 | -4.68 | 15.07 |
| 103.00 | -4.82 | 15.29 | -4.43 | 14.90 |
| 104.00 | -4.51 | 15.07 | -4.18 | 14.74 |
| 105.00 | -4.23 | 14.87 | -3.93 | 14.58 |
| 106.00 | -3.94 | 14.67 | -3.65 | 14.38 |
| 107.00 | -3.66 | 14.46 | -3.38 | 14.19 |
| 108.00 | -3.37 | 14.26 | -3.14 | 14.03 |
| 109.00 | -3.13 | 14.10 | -2.91 | 13.88 |
| 110.00 | -2.93 | 13.97 | -2.63 | 13.67 |
| 111.00 | -2.73 | 13.85 | -2.26 | 13.39 |
| 112.00 | -2.49 | 13.69 | -1.89 | 13.10 |
| 113.00 | -2.23 | 13.52 | -1.58 | 12.86 |
| 114.00 | -1.99 | 13.35 | -1.33 | 12.68 |
| 115.00 | -1.74 | 13.17 | -1.14 | 12.58 |
| 116.00 | -1.52 | 13.03 | -0.97 | 12.48 |
| 117.00 | -1.34 | 12.92 | -0.81 | 12.39 |
| 118.00 | -1.19 | 12.85 | -0.60 | 12.26 |
| 119.00 | -1.02 | 12.75 | -0.36 | 12.10 |
| 120.00 | -0.83 | 12.64 | -0.13 | 11.94 |
| 121.00 | -0.66 | 12.54 | 0.07 | 11.81 |

HFBA 9122 + BBVK 9138 Element-Gesamtlänge: / Total Element Length: 0.72 m



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An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

Kalibrierdaten HFBA 9122 mit BBVK 9138 Bikonuselementen Calibration Data HFBA 9122 with BBVK 9138 Biconical Elements

| Frequency | Gain(Isotr.) 1 m | Ant.-Factor 1 m | Gain(Isotr.) 3 m | Ant.-Factor 3 m |
|-----------|---------------------|--------------------|---------------------|--------------------|
| MHz | dBm | dB/m | dBm | dB/m |
| 122.00 | -0.50 | 12.45 | 0.22 | 11.72 |
| 123.00 | -0.33 | 12.35 | 0.34 | 11.68 |
| 124.00 | -0.16 | 12.25 | 0.45 | 11.64 |
| 125.00 | -0.02 | 12.18 | 0.55 | 11.61 |
| 126.00 | 0.08 | 12.15 | 0.64 | 11.59 |
| 127.00 | 0.15 | 12.15 | 0.69 | 11.61 |
| 128.00 | 0.20 | 12.17 | 0.72 | 11.65 |
| 129.00 | 0.23 | 12.20 | 0.78 | 11.65 |
| 130.00 | 0.28 | 12.22 | 0.87 | 11.63 |
| 131.00 | 0.34 | 12.23 | 0.95 | 11.61 |
| 132.00 | 0.40 | 12.23 | 1.01 | 11.62 |
| 133.00 | 0.46 | 12.23 | 1.04 | 11.66 |
| 134.00 | 0.53 | 12.24 | 1.07 | 11.69 |
| 135.00 | 0.58 | 12.25 | 1.10 | 11.73 |
| 136.00 | 0.60 | 12.29 | 1.11 | 11.78 |
| 137.00 | 0.59 | 12.36 | 1.13 | 11.83 |
| 138.00 | 0.56 | 12.45 | 1.13 | 11.88 |
| 139.00 | 0.53 | 12.55 | 1.15 | 11.93 |
| 140.00 | 0.50 | 12.64 | 1.20 | 11.94 |
| 141.00 | 0.52 | 12.69 | 1.26 | 11.95 |
| 142.00 | 0.53 | 12.73 | 1.29 | 11.98 |
| 143.00 | 0.55 | 12.77 | 1.28 | 12.05 |
| 144.00 | 0.53 | 12.85 | 1.20 | 12.19 |
| 145.00 | 0.51 | 12.94 | 1.12 | 12.33 |
| 146.00 | 0.49 | 13.02 | 1.05 | 12.46 |
| 147.00 | 0.48 | 13.08 | 1.00 | 12.56 |
| 148.00 | 0.48 | 13.14 | 1.00 | 12.62 |
| 149.00 | 0.46 | 13.23 | 0.98 | 12.70 |
| 150.00 | 0.42 | 13.32 | 0.94 | 12.80 |
| 151.00 | 0.38 | 13.42 | 0.87 | 12.92 |
| 152.00 | 0.34 | 13.52 | 0.82 | 13.04 |
| 153.00 | 0.29 | 13.62 | 0.77 | 13.15 |
| 154.00 | 0.22 | 13.75 | 0.72 | 13.25 |
| 155.00 | 0.15 | 13.87 | 0.67 | 13.36 |
| 156.00 | 0.06 | 14.02 | 0.59 | 13.49 |
| 157.00 | -0.01 | 14.15 | 0.51 | 13.63 |
| 158.00 | -0.08 | 14.27 | 0.39 | 13.80 |
| 159.00 | -0.11 | 14.36 | 0.31 | 13.93 |
| 160.00 | -0.15 | 14.45 | 0.20 | 14.10 |
| 161.00 | -0.18 | 14.54 | 0.12 | 14.24 |
| 162.00 | -0.23 | 14.64 | 0.03 | 14.38 |
| 163.00 | -0.29 | 14.75 | -0.06 | 14.52 |
| 164.00 | -0.36 | 14.87 | -0.14 | 14.66 |
| 165.00 | -0.43 | 15.00 | -0.20 | 14.77 |
| 166.00 | -0.50 | 15.13 | -0.26 | 14.88 |
| 167.00 | -0.57 | 15.24 | -0.32 | 14.99 |
| 168.00 | -0.64 | 15.37 | -0.36 | 15.09 |
| 169.00 | -0.72 | 15.49 | -0.42 | 15.20 |
| 170.00 | -0.79 | 15.62 | -0.51 | 15.34 |
| 171.00 | -0.86 | 15.74 | -0.57 | 15.45 |
| 172.00 | -0.92 | 15.85 | -0.62 | 15.55 |
| 173.00 | -0.95 | 15.93 | -0.67 | 15.65 |

HFBA 9122 + BBVK 9138 Element-Gesamtlänge: / Total Element Length: 0.72 m



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An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

Kalibrierdaten HFBA 9122 mit BBVK 9138 Bikonuselementen Calibration Data HFBA 9122 with BBVK 9138 Biconical Elements

| Frequency | Gain(Isotr.) 1 m | Ant.-Factor 1 m | Gain(Isotr.) 3 m | Ant.-Factor 3 m |
|-----------|---------------------|--------------------|---------------------|--------------------|
| MHz | dBm | dB/m | dBm | dB/m |
| 174.00 | -0.97 | 16.00 | -0.68 | 15.71 |
| 175.00 | -0.99 | 16.07 | -0.65 | 15.73 |
| 176.00 | -1.03 | 16.16 | -0.63 | 15.76 |
| 177.00 | -1.07 | 16.25 | -0.67 | 15.85 |
| 178.00 | -1.12 | 16.34 | -0.78 | 16.01 |
| 179.00 | -1.15 | 16.42 | -0.89 | 16.17 |
| 180.00 | -1.17 | 16.50 | -0.95 | 16.27 |
| 181.00 | -1.20 | 16.57 | -0.95 | 16.32 |
| 182.00 | -1.25 | 16.67 | -0.96 | 16.38 |
| 183.00 | -1.32 | 16.79 | -1.03 | 16.50 |
| 184.00 | -1.39 | 16.91 | -1.10 | 16.62 |
| 185.00 | -1.45 | 17.01 | -1.17 | 16.73 |
| 186.00 | -1.49 | 17.10 | -1.25 | 16.86 |
| 187.00 | -1.52 | 17.17 | -1.34 | 17.00 |
| 188.00 | -1.58 | 17.28 | -1.41 | 17.11 |
| 189.00 | -1.67 | 17.42 | -1.46 | 17.20 |
| 190.00 | -1.74 | 17.54 | -1.50 | 17.30 |
| 191.00 | -1.78 | 17.62 | -1.55 | 17.39 |
| 192.00 | -1.82 | 17.71 | -1.57 | 17.46 |
| 193.00 | -1.89 | 17.82 | -1.60 | 17.53 |
| 194.00 | -1.96 | 17.94 | -1.68 | 17.65 |
| 195.00 | -2.02 | 18.04 | -1.76 | 17.78 |
| 196.00 | -2.05 | 18.12 | -1.84 | 17.91 |
| 197.00 | -2.06 | 18.17 | -1.87 | 17.98 |
| 198.00 | -2.08 | 18.23 | -1.90 | 18.05 |
| 199.00 | -2.10 | 18.30 | -1.91 | 18.11 |
| 200.00 | -2.15 | 18.39 | -1.94 | 18.18 |
| 201.00 | -2.18 | 18.47 | -1.98 | 18.26 |
| 202.00 | -2.20 | 18.53 | -1.98 | 18.31 |
| 203.00 | -2.22 | 18.59 | -1.96 | 18.33 |
| 204.00 | -2.26 | 18.68 | -1.97 | 18.38 |
| 205.00 | -2.32 | 18.78 | -1.99 | 18.44 |
| 206.00 | -2.37 | 18.87 | -2.02 | 18.52 |
| 207.00 | -2.39 | 18.93 | -2.06 | 18.60 |
| 208.00 | -2.42 | 19.00 | -2.08 | 18.66 |
| 209.00 | -2.46 | 19.09 | -2.07 | 18.69 |
| 210.00 | -2.55 | 19.21 | -2.05 | 18.72 |
| 211.00 | -2.61 | 19.32 | -2.11 | 18.82 |
| 212.00 | -2.64 | 19.39 | -2.20 | 18.94 |
| 213.00 | -2.64 | 19.43 | -2.23 | 19.01 |
| 214.00 | -2.64 | 19.46 | -2.19 | 19.02 |
| 215.00 | -2.66 | 19.53 | -2.16 | 19.03 |
| 216.00 | -2.71 | 19.62 | -2.18 | 19.09 |
| 217.00 | -2.77 | 19.72 | -2.22 | 19.17 |
| 218.00 | -2.82 | 19.81 | -2.27 | 19.26 |
| 219.00 | -2.84 | 19.87 | -2.34 | 19.37 |
| 220.00 | -2.84 | 19.91 | -2.41 | 19.48 |
| 221.00 | -2.87 | 19.98 | -2.44 | 19.55 |
| 222.00 | -2.92 | 20.06 | -2.45 | 19.60 |
| 223.00 | -2.95 | 20.14 | -2.48 | 19.66 |
| 224.00 | -2.97 | 20.20 | -2.51 | 19.74 |
| 225.00 | -2.99 | 20.25 | -2.51 | 19.78 |

HFBA 9122 + BBVK 9138 Element-Gesamtlänge: / Total Element Length: 0.72 m



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An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

Kalibrierdaten HFBA 9122 mit BBVK 9138 Bikonuselementen Calibration Data HFBA 9122 with BBVK 9138 Biconical Elements

| Frequency | Gain(Isotr.) 1 m | Ant.-Factor 1 m | Gain(Isotr.) 3 m | Ant.-Factor 3 m |
|-----------|---------------------|--------------------|---------------------|--------------------|
| MHz | dBm | dB/m | dBm | dB/m |
| 226.00 | -3.02 | 20.32 | -2.51 | 19.81 |
| 227.00 | -3.06 | 20.40 | -2.53 | 19.87 |
| 228.00 | -3.11 | 20.49 | -2.60 | 19.98 |
| 229.00 | -3.17 | 20.59 | -2.69 | 20.11 |
| 230.00 | -3.21 | 20.67 | -2.77 | 20.22 |
| 231.00 | -3.24 | 20.74 | -2.82 | 20.32 |
| 232.00 | -3.27 | 20.80 | -2.88 | 20.41 |
| 233.00 | -3.33 | 20.90 | -2.92 | 20.48 |
| 234.00 | -3.39 | 20.99 | -2.90 | 20.51 |
| 235.00 | -3.42 | 21.06 | -2.87 | 20.51 |
| 236.00 | -3.43 | 21.11 | -2.88 | 20.56 |
| 237.00 | -3.45 | 21.16 | -2.95 | 20.66 |
| 238.00 | -3.50 | 21.25 | -2.98 | 20.73 |
| 239.00 | -3.54 | 21.33 | -3.00 | 20.78 |
| 240.00 | -3.58 | 21.40 | -3.00 | 20.83 |
| 241.00 | -3.60 | 21.46 | -3.04 | 20.90 |
| 242.00 | -3.60 | 21.49 | -3.06 | 20.96 |
| 243.00 | -3.58 | 21.52 | -3.08 | 21.01 |
| 244.00 | -3.58 | 21.54 | -3.06 | 21.03 |
| 245.00 | -3.58 | 21.58 | -3.04 | 21.04 |
| 246.00 | -3.57 | 21.60 | -3.03 | 21.07 |
| 247.00 | -3.57 | 21.64 | -3.07 | 21.14 |
| 248.00 | -3.60 | 21.71 | -3.11 | 21.22 |
| 249.00 | -3.63 | 21.78 | -3.14 | 21.28 |
| 250.00 | -3.66 | 21.84 | -3.13 | 21.31 |
| 251.00 | -3.69 | 21.91 | -3.09 | 21.31 |
| 252.00 | -3.71 | 21.96 | -3.07 | 21.32 |
| 253.00 | -3.74 | 22.02 | -3.09 | 21.37 |
| 254.00 | -3.77 | 22.09 | -3.16 | 21.47 |
| 255.00 | -3.82 | 22.17 | -3.21 | 21.56 |
| 256.00 | -3.88 | 22.26 | -3.26 | 21.64 |
| 257.00 | -3.91 | 22.33 | -3.28 | 21.70 |
| 258.00 | -3.93 | 22.39 | -3.33 | 21.78 |
| 259.00 | -3.94 | 22.42 | -3.37 | 21.85 |
| 260.00 | -3.95 | 22.47 | -3.44 | 21.96 |
| 261.00 | -3.97 | 22.53 | -3.51 | 22.07 |
| 262.00 | -4.02 | 22.61 | -3.59 | 22.18 |
| 263.00 | -4.02 | 22.64 | -3.65 | 22.26 |
| 264.00 | -4.00 | 22.66 | -3.68 | 22.33 |
| 265.00 | -4.00 | 22.68 | -3.72 | 22.40 |
| 266.00 | -4.01 | 22.73 | -3.75 | 22.47 |
| 267.00 | -4.02 | 22.77 | -3.76 | 22.51 |
| 268.00 | -4.01 | 22.79 | -3.75 | 22.53 |
| 269.00 | -3.99 | 22.81 | -3.74 | 22.56 |
| 270.00 | -4.00 | 22.85 | -3.74 | 22.59 |
| 271.00 | -4.00 | 22.88 | -3.74 | 22.62 |
| 272.00 | -4.02 | 22.93 | -3.73 | 22.64 |
| 273.00 | -4.02 | 22.97 | -3.71 | 22.66 |
| 274.00 | -4.03 | 23.00 | -3.70 | 22.67 |
| 275.00 | -4.03 | 23.04 | -3.68 | 22.68 |
| 276.00 | -4.04 | 23.08 | -3.69 | 22.72 |
| 277.00 | -4.06 | 23.13 | -3.67 | 22.74 |

HFBA 9122 + BBVK 9138 Element-Gesamtlänge: / Total Element Length: 0.72 m



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Kalibrierdaten HFBA 9122 mit BBVK 9138 Bikonuselementen Calibration Data HFBA 9122 with BBVK 9138 Biconical Elements

| Frequency | Gain(Isotr.) 1 m | Ant.-Factor 1 m | Gain(Isotr.) 3 m | Ant.-Factor 3 m |
|-----------|---------------------|--------------------|---------------------|--------------------|
| MHz | dB | dB/m | dB | dB/m |
| 278.00 | -4.08 | 23.18 | -3.64 | 22.74 |
| 279.00 | -4.09 | 23.23 | -3.61 | 22.74 |
| 280.00 | -4.08 | 23.24 | -3.59 | 22.75 |
| 281.00 | -4.06 | 23.26 | -3.57 | 22.76 |
| 282.00 | -4.07 | 23.29 | -3.53 | 22.75 |
| 283.00 | -4.08 | 23.34 | -3.54 | 22.79 |
| 284.00 | -4.09 | 23.37 | -3.57 | 22.86 |
| 285.00 | -4.07 | 23.38 | -3.61 | 22.93 |
| 286.00 | -4.06 | 23.40 | -3.63 | 22.98 |
| 287.00 | -4.05 | 23.43 | -3.64 | 23.01 |
| 288.00 | -4.03 | 23.43 | -3.60 | 23.01 |
| 289.00 | -4.00 | 23.44 | -3.55 | 22.99 |
| 290.00 | -4.00 | 23.47 | -3.54 | 23.01 |
| 291.00 | -4.02 | 23.52 | -3.56 | 23.06 |
| 292.00 | -4.02 | 23.55 | -3.57 | 23.09 |
| 293.00 | -4.03 | 23.59 | -3.60 | 23.15 |
| 294.00 | -4.04 | 23.63 | -3.67 | 23.25 |
| 295.00 | -4.04 | 23.66 | -3.73 | 23.35 |
| 296.00 | -4.02 | 23.67 | -3.74 | 23.38 |
| 297.00 | -4.04 | 23.72 | -3.70 | 23.38 |
| 298.00 | -4.09 | 23.79 | -3.65 | 23.35 |
| 299.00 | -4.12 | 23.85 | -3.58 | 23.32 |
| 300.00 | -4.10 | 23.86 | -3.53 | 23.29 |
| 301.00 | -4.06 | 23.85 | -3.50 | 23.29 |
| 302.00 | -4.04 | 23.86 | -3.48 | 23.30 |
| 303.00 | -4.07 | 23.92 | -3.50 | 23.35 |
| 304.00 | -4.12 | 23.99 | -3.54 | 23.42 |
| 305.00 | -4.13 | 24.03 | -3.58 | 23.48 |
| 306.00 | -4.09 | 24.02 | -3.56 | 23.50 |
| 307.00 | -4.04 | 24.00 | -3.50 | 23.46 |
| 308.00 | -4.00 | 23.99 | -3.44 | 23.43 |
| 309.00 | -3.99 | 24.00 | -3.41 | 23.42 |
| 310.00 | -3.98 | 24.03 | -3.40 | 23.45 |
| 311.00 | -3.97 | 24.05 | -3.41 | 23.49 |
| 312.00 | -3.95 | 24.06 | -3.42 | 23.52 |
| 313.00 | -3.94 | 24.07 | -3.40 | 23.53 |
| 314.00 | -3.95 | 24.11 | -3.35 | 23.51 |
| 315.00 | -3.96 | 24.14 | -3.31 | 23.49 |
| 316.00 | -3.93 | 24.14 | -3.29 | 23.50 |
| 317.00 | -3.88 | 24.12 | -3.27 | 23.51 |
| 318.00 | -3.83 | 24.10 | -3.25 | 23.52 |
| 319.00 | -3.81 | 24.11 | -3.24 | 23.54 |
| 320.00 | -3.80 | 24.12 | -3.24 | 23.57 |

HFBA 9122 + BBVK 9138 Element-Gesamtlänge: / Total Element Length: 0.72 m



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